

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Vacant						High Density Single Family Residential						Transportation					
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
<b>Miscellaneous Constituents</b>																				
Cyanide	0.01	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
TPH	1	mg/l	9	8	11	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Oil and Grease	1	mg/l	9	8	11	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Total Phenols	0.1	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
<b>Indicator Bacteria</b>																				
Total Coliform	20	MPN/100ml	9	0	100	17,700	22,000	0.74	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Coliform	20	MPN/100ml	9	0	100	2,739	900	1.97	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Ratio Fecal Coliform/Total Coliform			3	0	100	88%	100%	0.23	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Streptococcus	20	MPN/100ml	9	0	100	4,064	2,400	1.21	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Enterococcus	20	MPN/100ml	9	0	100	716	300	1.13	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
<b>General Minerals</b>																				
Ammonia	0.1	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	7	3	57	0.6	0.4	1.18	11	4	64	0.5	0.1	1.99
Calcium	1.0	mg/l	9	0	100	51	51	0.06	7	0	100	9	6	0.77	11	0	100	10	8	0.48
Magnesium	1.0	mg/l	9	0	100	13.7	15.6	0.39	7	0	100	1.9	1.2	0.78	11	0	100	1.7	1.5	0.41
Potassium	1.0	mg/l	9	0	100	2.8	2.8	0.15	9	0	100	5.2	3.2	0.73	12	0	100	2.6	1.9	0.61
Sodium	1.0	mg/l	9	0	100	15.2	15.4	0.14	9	0	100	10.0	5.2	0.78	12	0	100	11.5	7.1	0.95
Bicarbonate	2.0	mg/l	9	0	100	205	207	0.09	8	0	100	42	19	0.94	11	0	100	28	19	0.55
Carbonate	2.0	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	8	8	0	S.I.D.	S.I.D.	S.I.D.	11	11	0	S.I.D.	S.I.D.	S.I.D.
Chloride	2.0	mg/l	9	0	100	9.0	8.9	0.12	9	0	100	7.2	6.5	0.54	12	0	100	7.8	5.5	0.99
Fluoride	0.1	mg/l	9	0	100	0.5	0.5	0.06	9	5	44	0.2	0.1	1.00	12	6	50	0.2	0.1	0.95
Nitrate	0.1	mg/l	9	0	100	7.4	8.1	0.37	9	0	100	5.8	3.5	0.98	12	0	100	5.7	2.9	1.23
Sulfate	0.1	mg/l	9	0	100	29	29	0.07	9	0	100	12	6	0.87	12	0	100	17	12	1.08
Alkalinity	4.0	mg/l	9	0	100	170	170	0.10	8	0	100	34	16	0.94	11	0	100	24	16	0.54
Hardness	2.0	mg/l	9	0	100	189	192	0.12	7	0	100	29	20	0.71	11	0	100	31	29	0.43
COD	5	mg/l	9	2	78	20	17	0.67	9	2	78	78	56	1.35	12	3	75	52	33	1.17
pH	0-14		9	0	100	8.0	8.0	0.02	8	0	100	6.8	6.8	0.05	11	0	100	6.8	6.7	0.04
Specific Conductance	1.0	umhos/cm	9	0	100	415	411	0.05	8	0	100	135	78	0.81	12	0	100	140	97	0.79
Total Dissolved Solids	2.0	mg/l	9	0	100	241	242	0.05	8	0	100	84	46	0.86	12	0	100	88	56	0.85
Turbidity	0.1	NTU	9	0	100	165	151	0.46	9	0	100	64	14	1.01	12	0	100	36	32	0.55
Total Suspended Solids	2.0	mg/l	9	0	100	321	308	0.40	7	0	100	165	61	1.22	12	0	100	145	66	1.27
Volatile Suspended Solids	1.0	mg/l/hr	9	0	100	41	38	0.46	7	0	100	71	29	1.08	12	0	100	56	37	1.29
MBAS	0.05	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	6	4	33	0.0	0.0	0.58	11	1	91	0.1	0.1	0.36
Total Organic Carbon	1.0	mg/l	9	0	100	4.6	4.2	0.32	9	0	100	12.9	7.3	0.69	12	0	100	12.1	9.7	0.74
BOD	2.0	mg/l	9	3	67	3.0	2.4	0.92	9	0	100	15.9	7.0	0.96	12	0	100	19.2	6.3	1.56
<b>Nutrients</b>																				
Dissolved Phosphorus	0.05	mg/l	9	5	44	0.045	0.025	0.64	7	0	100	0.4	0.3	0.65	11	1	91	0.4	0.3	0.73
Total Phosphorus	0.05	mg/l	9	2	78	0.11	0.080	1.19	7	0	100	0.6	0.3	0.81	11	0	100	0.6	0.3	0.89
NH3-N	0.1	mg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	7	3	57	0.5	0.3	1.16	11	5	55	0.4	0.1	1.99
Nitrate-N	0.1	mg/l	9	0	100	1.7	1.8	0.37	9	0	100	1.3	0.8	0.98	12	0	100	1.5	0.7	1.46
Nitrite-N	0.1	mg/l	9	5	44	0.025	0.015	0.49	9	1	89	0.2	0.1	0.93	12	0	100	0.1	0.1	0.68
TKN	0.1	mg/l	9	0	100	1.1	0.9	0.50	8	0	100	4.5	1.3	1.23	12	0	100	2.6	1.2	1.20
<b>Metals</b>																				
Dissolved Aluminum	100	µg/l	9	2	78	279	260	0.79	9	7	22	72	50	0.64	12	2	83	201	176	0.58
Total Aluminum	100	µg/l	9	0	100	620	591	0.37	9	2	78	164	142	0.64	12	0	100	970	357	2.16
Dissolved Antimony	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	5	µg/l	9	8	11	S.I.D.	S.I.D.	S.I.D.	9	7	22	3.3	2.5	0.48	12	10	17	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	10	µg/l	9	0	100	74	75	0.29	9	4	56	21	12	0.91	12	4	67	20	14	1.05
Total Barium	10	µg/l	9	0	100	83	77	0.28	9	3	67	26	21	0.80	12	1	92	35	23	1.25
Dissolved Beryllium	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	100	µg/l	9	8	11	S.I.D.	S.I.D.	S.I.D.	9	8	11	S.I.D.	S.I.D.	S.I.D.	12	6	50	109	76	0.71
Total Boron	100	µg/l	9	5	44	80	50	0.45	9	5	44	96	50	0.69	12	4	67	178	121	0.89
Dissolved Cadmium	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	11	8	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	10	17	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	11	8	S.I.D.	S.I.D.	S.I.D.
Total Chromium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	10	17	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	10	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	10	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	5	44	11.9	2.5	1.04	12	0	100	28.7	26.6	0.63
Total Copper	5	µg/l	9	3	67	6.6	6.5	0.72	9	1	89	16.6	10.5	0.70	12	0	100	69.2	32.7	1.55
Dissolved Iron	100	µg/l	9	4	56	273	210	1.10	9	6	33	131	50	1.00	12	2	83	191	165	0.54
Total Iron	100	µg/l	9	2	78	623	370	0.85	9	5	44	216	50	1.06	12	1	92	987	465	2.06
Dissolved Lead	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Lead	5	µg/l	9	8	11	S.I.D.	S.I.D.	S.I.D.	9	6	33	4.0	2.5	0.59	12	10	17	S.I.D.	S.I.D.	S.I.D.
Dissolved Manganese	100																			

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Vacant						High Density Single Family Residential						Transportation					
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Nickel	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	9	25	5.4	2.5	1.28
Nickel	5	µg/l	9	6	33	4.8	2.5	0.74	9	6	33	3.6	2.5	0.46	12	7	42	7.7	2.5	1.52
Dissolved Selenium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	50	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	0	100	241	142	0.85
Total Zinc	50	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	8	11	S.I.D.	S.I.D.	S.I.D.	12	0	100	316	182	1.16
SVOCs																				
Bis(2-ethylhexyl)phthalate	1	µg/l	7	2	71	5.9	3.6	1.30	5	0	100	21.3	6.1	1.42	1	1	0	S.I.D.	S.I.D.	S.I.D.
PAHs																				
Acenaphthene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	0.05	µg/l	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Antracene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benz(a)anthracene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	0.1	0.1	1.24	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzol(p)pyrene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzol(b)fluoranthene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	0.1	0.1	1.29	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzol(k)fluoranthene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	0.1	0.1	1.18	1	1	0	S.I.D.	S.I.D.	S.I.D.
Chrysene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	4	20	0.1	0.1	1.18	1	1	0	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	0.1	µg/l	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.5	0.1	1.67	1	1	0	S.I.D.	S.I.D.	S.I.D.
Fluorene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Indeno(1,2,3-cd)pyrene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	0.05	µg/l	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.0	0.0	0.59	1	1	0	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	3	40	0.1	0.0	1.66	1	1	0	S.I.D.	S.I.D.	S.I.D.
Pyrene	0.05	µg/l	7	6	14	S.I.D.	S.I.D.	S.I.D.	5	1	80	0.8	0.4	1.44	1	1	0	S.I.D.	S.I.D.	S.I.D.
All other SVOCs	0.05-5.0	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Pesticides																				
Organochlorine Pesticides & PCBs	0.05-1.0	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S
Carbofuran	5	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	25	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.
Organophosphate Pesticides																				
Diazinon	0.01	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	8	11	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	0.05	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides																				
Thiobencarb	1	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	1.0-2.0	µg/l	9	9	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides																				
2,4-D	10	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S
2,4,5-TP	1	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S
Bentazon	2	µg/l	7	7	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S

N/S = Not sampled

CV = Coefficient of variation

DL = Detection Limit

S.I.D. = Statistically Invalid Data, not enough data above detection limit collected

a) Criteria based on daily maximum

b) Criteria based on 30-day average

c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.

d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.

e) Criteria expressed in the total recoverable form.

f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.

g) There are no numerical water quality standards that apply to stormwater or "non-point source" pollution. Current federal and state standards apply only to "point source pollution," such as sanitary sewage, industrial and commercial discharges to the ocean, and other waterbodies. Water quality standards described in the 1995 Los Angeles Region Basin Plan or the 1997 California Ocean Plan do not apply to stormwater runoff, and any exceedance of values should not indicate violation nor noncompliance with the plans. Furthermore, a direct comparison of the sampling results with the Ocean Plan standards cannot be made since the results presented in the table are detected values before dilution, a factor allowed by the Ocean Plan.

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Light Industrial					Educational					Multifamily Residential							
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
<b>Miscellaneous Constituents</b>																				
Cyanide	0.01	mg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
TPH	1	mg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Oil and Grease	1	mg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Total Phenols	0.1	mg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
<b>Indicator Bacteria</b>																				
Total Coliform	20	MPN/100ml	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Coliform	20	MPN/100ml	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Ratio Fecal Coliform/Total Coliform			0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Streptococcus	20	MPN/100ml	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
Fecal Enterococcus	20	MPN/100ml	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S
<b>General Minerals</b>																				
Ammonia	0.1	mg/l	12	4	67	0.7	0.2	1.67	12	9	25	0.1	0.1	1.47	9	6	33	0.1	0.1	0.87
Calcium	1.0	mg/l	11	0	100	11	7	0.82	12	0	100	22	18	0.63	9	0	100	22	18	0.83
Magnesium	1.0	mg/l	11	0	100	2.2	1.9	0.60	12	0	100	4.5	2.9	0.84	9	0	100	4.5	4.4	0.96
Potassium	1.0	mg/l	12	1	92	2.3	2.1	0.60	12	0	100	3.6	2.8	0.61	10	0	100	3.0	2.8	0.50
Sodium	1.0	mg/l	12	0	100	11.1	7.8	0.84	12	0	100	29.6	8.4	1.89	10	0	100	12.5	9.1	0.72
Bicarbonate	2.0	mg/l	12	0	100	30	27	0.58	12	0	100	57	48	0.58	9	0	100	59	49	0.85
Carbonate	2.0	mg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.
Chloride	2.0	mg/l	12	0	100	10.4	7.7	0.76	12	0	100	28.9	5.6	2.21	10	1	90	19.8	9.4	1.07
Fluoride	0.1	mg/l	12	5	58	0.1	0.1	0.71	12	4	67	0.2	0.1	1.16	10	2	80	0.2	0.2	0.75
Nitrate	0.1	mg/l	12	0	100	4.7	2.5	1.34	12	0	100	3.5	2.8	0.53	10	0	100	7.1	8.0	0.44
Sulfate	0.1	mg/l	12	0	100	13	8	1.19	12	0	100	30	20	1.00	10	0	100	17	14	0.86
Alkalinity	4.0	mg/l	12	0	100	24	22	0.58	12	0	100	48	39	0.57	9	0	100	49	40	0.83
Hardness	2.0	mg/l	11	0	100	35	26	0.72	12	0	100	73	56	0.66	9	0	100	73	64	0.85
COD	5	mg/l	12	3	75	56	34	1.11	12	5	58	37	31	1.05	10	1	90	29	18	0.73
pH	0-14		12	0	100	6.7	6.8	0.06	12	0	100	7.2	7.2	0.05	9	0	100	7.2	7.2	0.07
Specific Conductance	1.0	umhos/cm	11	0	100	132	91	0.76	12	0	100	285	152	1.15	9	0	100	216	164	0.78
Total Dissolved Solids	2.0	mg/l	11	0	100	84	56	0.84	12	0	100	172	97	1.13	9	0	100	134	92	0.81
Turbidity	0.1	NTU	11	0	100	76	64	0.39	12	0	100	124	108	0.77	10	0	100	19	11	1.27
Total Suspended Solids	2.0	mg/l	11	0	100	212	129	0.77	12	0	100	147	137	0.61	9	0	100	40	19	1.49
Volatile Suspended Solids	1.0	mg/lhr	11	0	100	59	46	0.76	12	0	100	27	22	0.49	9	0	100	13	10	0.61
MBAS	0.05	mg/l	11	0	100	0.2	0.1	0.79	12	9	25	0.0	0.0	0.66	9	3	67	0.1	0.1	0.62
Total Organic Carbon	1.0	mg/l	12	0	100	13.9	8.5	1.00	12	0	100	6.9	6.1	0.34	10	0	100	5.8	6.4	0.35
BOD	2.0	mg/l	12	0	100	13.7	7.0	1.17	12	0	100	6.6	5.8	0.54	10	1	90	5.9	5.0	0.71
<b>Nutrients</b>																				
Dissolved Phosphorus	0.05	mg/l	12	2	83	0.2	0.2	0.66	12	1	92	0.2	0.2	0.53	9	1	89	0.1	0.1	0.56
Total Phosphorus	0.05	mg/l	12	0	100	0.3	0.2	1.01	12	0	100	0.3	0.2	0.43	9	1	89	0.2	0.2	0.56
NH3-N	0.1	mg/l	12	4	67	0.6	0.2	1.66	12	9	25	0.1	0.1	1.36	9	6	33	0.1	0.1	0.77
Nitrate-N	0.1	mg/l	12	0	100	1.2	0.6	1.58	12	0	100	0.7	0.6	0.42	10	0	100	1.6	1.8	0.44
Nitrite-N	0.1	mg/l	12	2	83	0.1	0.1	0.96	12	1	92	0.1	0.1	0.44	10	1	90	0.1	0.1	0.52
TKN	0.1	mg/l	12	0	100	2.6	1.5	1.08	12	0	100	1.9	1.2	0.94	9	0	100	1.5	1.3	0.50
<b>Metals</b>																				
Dissolved Aluminum	100	µg/l	12	0	100	479	385	0.81	12	2	83	575	461	0.82	10	8	20	94	50	1.19
Total Aluminum	100	µg/l	12	0	100	1002	523	1.15	12	1	92	746	720	0.65	10	1	90	227	172	0.77
Dissolved Antimony	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	10	µg/l	12	3	75	27	22	0.83	12	0	100	39	35	0.53	10	4	60	24	12	1.05
Total Barium	10	µg/l	12	2	83	37	32	0.86	12	0	100	46	44	0.44	10	3	70	33	27	0.81
Dissolved Beryllium	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	100	µg/l	12	11	8	S.I.D.	S.I.D.	S.I.D.	12	5	58	169	120	1.03	10	7	30	69	50	0.45
Total Boron	100	µg/l	12	7	42	109	50	0.76	12	4	67	222	148	0.92	10	6	40	86	50	0.57
Dissolved Cadmium	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	1	µg/l	12	11	8	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	5	µg/l	12	11	8	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium	5	µg/l	12	10	17	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	10	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	10	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	5	µg/l	12	4	67	12.3	9.2	0.96	12	3	75	6.6	6.2	0.49	10	7	30	4.6	2.5	0.76
Total Copper	5	µg/l	12	0	100	21.9	15.1	1.01	12	0	100	12.0	12.1	0.23	10	1	90	9.8	9.3	0.46
Dissolved Iron	100	µg/l	12	4	67	297	265	0.87	12	4	67	393	290	1.22	10	7	30	75	50	0.58
Total Iron	100	µg/l	12	4	67	751	530	1.46	12	4	67	528	405	1.05	10	5	50	167	75	1.03
Dissolved Lead	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Lead	5	µg/l	12	6	50	7.0	3.8	1.26	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Manganese	100	µg/l	12	10	17	S.I.D.	S.I.D.	S.I.D.	12	12										

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Light Industrial					Educational					Multifamily Residential							
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Nickel	5	µg/l	12	7	42	5.9	2.5	0.92	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Nickel	5	µg/l	12	6	50	12.6	3.9	1.75	12	5	58	5.6	5.6	0.57	10	9	10	S.I.D.	S.I.D.	S.I.D.
Dissolved Selenium	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	50	µg/l	12	0	100	478	251	1.34	12	8	33	44	25	0.70	10	6	40	46	25	0.66
Total Zinc	50	µg/l	12	0	100	644	267	1.57	12	5	58	62	68	0.59	10	3	70	68	68	0.54
SVOCs																				
Bis(2-ethylhexyl)phthalate	1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	0	100	7.1	5.0	0.93
PAHs																				
Acenaphthene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Antracene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Benz(a)anthracene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Benzol(p)pyrene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Benzol(b)fluoranthene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Benzol(k)fluoranthene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Chrysene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	4	33	0.2	0.1	1.54
Fluorene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Indeno(1,2,3-cd)pyrene	0.1	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	4	33	0.2	0.0	2.08
Pyrene	0.05	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	4	33	0.2	0.0	1.95
All other SVOCs	0.05-5.0	µg/l	1	1	0	S.I.D.	S.I.D.	S.I.D.	0	0	N/S	N/S	N/S	N/S	6	6	0	S.I.D.	S.I.D.	S.I.D.
Pesticides																				
Organochlorine Pesticides & PCBs	0.05-1.0	µg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	10	10	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	5	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	25	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Organophosphate Pesticides																				
Diazinon	0.01	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	0.05	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides																				
Thiobencarb	1	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	1.0-2.0	µg/l	12	12	0	S.I.D.	S.I.D.	S.I.D.	12	12	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides																				
2,4-D	10	µg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	9	9	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	1	µg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	9	9	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	2	µg/l	0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	9	9	0	S.I.D.	S.I.D.	S.I.D.

N/S = Not sampled

CV = Coefficient of variation

DL = Detection Limit

S.I.D. = Statistically Invalid Data, not enough data above detection limit collected

a) Criteria based on daily maximum

b) Criteria based on 30-day average

c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.

d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.

e) Criterion expressed in the total recoverable form.

f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.

g) There are no numerical water quality standards that apply to stormwater or "non-point source" pollution. Current federal and state standards apply only to "point source pollution," such as sanitary sewage, industrial and commercial discharges to the ocean, and other waterbodies. Water quality standards described in the 1995 Los Angeles Region Basin Plan or the 1997 California Ocean Plan do not apply to stormwater runoff, and any exceedance of values should not indicate violation nor noncompliance with the plans. Furthermore, a direct comparison of the sampling results with the Ocean Plan standards cannot be made since the results presented in the table are detected values before dilution, a factor allowed by the Ocean Plan.

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Mixed Residential				
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median
<b>Miscellaneous Constituents</b>							
Cyanide	0.01	mg/l	0	0	N/S	N/S	N/S
TPH	1	mg/l	0	0	N/S	N/S	N/S
Oil and Grease	1	mg/l	0	0	N/S	N/S	N/S
Total Phenols	0.1	mg/l	0	0	N/S	N/S	N/S
<b>Indicator Bacteria</b>							
Total Coliform	20	MPN/100ml	0	0	N/S	N/S	N/S
Fecal Coliform	20	MPN/100ml	0	0	N/S	N/S	N/S
Ratio Fecal Coliform/Total Coliform			0	0	N/S	N/S	N/S
Fecal Streptococcus	20	MPN/100ml	0	0	N/S	N/S	N/S
Fecal Enterococcus	20	MPN/100ml	0	0	N/S	N/S	N/S
<b>General Minerals</b>							
Ammonia	0.1	mg/l	10	3	70	0.8	0.4
Calcium	1.0	mg/l	11	0	100	8	6
Magnesium	1.0	mg/l	11	0	100	2.0	1.5
Potassium	1.0	mg/l	11	3	73	2.9	1.7
Sodium	1.0	mg/l	11	2	82	7.5	5.1
Bicarbonate	2.0	mg/l	11	0	100	27	17
Carbonate	2.0	mg/l	11	11	0	S.I.D.	S.I.D.
Chloride	2.0	mg/l	11	2	82	4.6	3.3
Fluoride	0.1	mg/l	11	6	45	0.2	0.1
Nitrate	0.1	mg/l	11	0	100	18.1	4.2
Sulfate	0.1	mg/l	11	0	100	10	7
Alkalinity	4.0	mg/l	11	0	100	22	14
Hardness	2.0	mg/l	11	0	100	29	20
COD	5	mg/l	11	2	82	55	24
pH	0-14		11	0	100	6.7	6.7
Specific Conductance	1.0	umhos/cm	11	0	100	101	68
Total Dissolved Solids	2.0	mg/l	11	0	100	64	38
Turbidity	0.1	NTU	11	0	100	25	19
Total Suspended Solids	2.0	mg/l	10	0	100	83	40
Volatile Suspended Solids	1.0	mg/l/hr	10	0	100	51	27
MBAS	0.05	mg/l	9	0	100	0.2	0.1
Total Organic Carbon	1.0	mg/l	11	0	100	10.1	6.0
BOD	2.0	mg/l	11	0	100	16.6	6.2
<b>Nutrients</b>							
Dissolved Phosphorus	0.05	mg/l	10	1	90	0.2	0.1
Total Phosphorus	0.05	mg/l	10	0	100	0.3	0.1
NH3-N	0.1	mg/l	10	3	70	0.7	0.3
Nitrate-N	0.1	mg/l	11	0	100	0.9	0.8
Nitrite-N	0.1	mg/l	11	0	100	0.2	0.1
TKN	0.1	mg/l	10	0	100	2.9	1.6
<b>Metals</b>							
Dissolved Aluminum	100	µg/l	11	8	27	85	50
Total Aluminum	100	µg/l	11	2	82	203	146
Dissolved Antimony	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Antimony	5	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Arsenic	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Arsenic	5	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Barium	10	µg/l	11	5	55	17	11
Total Barium	10	µg/l	11	4	64	23	15
Dissolved Beryllium	1	µg/l	11	11	0	S.I.D.	S.I.D.
Total Beryllium	1	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Boron	100	µg/l	11	9	18	S.I.D.	S.I.D.
Total Boron	100	µg/l	11	9	18	S.I.D.	S.I.D.
Dissolved Cadmium	1	µg/l	11	11	0	S.I.D.	S.I.D.
Total Cadmium	1	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Chromium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Chromium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Chromium +6	10	µg/l	11	11	0	S.I.D.	S.I.D.
Total Chromium +6	10	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Copper	5	µg/l	11	6	45	11.3	2.5
Total Copper	5	µg/l	11	1	91	15.4	8.6
Dissolved Iron	100	µg/l	11	7	36	130	50
Total Iron	100	µg/l	11	5	55	255	170
Dissolved Lead	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Lead	5	µg/l	11	10	9	S.I.D.	S.I.D.
Dissolved Manganese	100	µg/l	11	9	18	S.I.D.	S.I.D.
Total Manganese	100	µg/l	11	9	18	S.I.D.	S.I.D.
Dissolved Mercury	1	µg/l	11	11	0	S.I.D.	S.I.D.
Total Mercury	1	µg/l	11	11	0	S.I.D.	S.I.D.

**Table 4-6. Summary of Results for 1999-2000 Land Use Monitoring**

Class Constituent	DL	Units	Mixed Residential				
			No. of Samples	No. of Non-detects	Percent Detects	Mean	Median
Dissolved Nickel	5	µg/l	11	10	9	S.I.D.	S.I.D.
Nickel	5	µg/l	11	10	9	S.I.D.	S.I.D.
Dissolved Selenium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Selenium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Silver	1	µg/l	11	11	0	S.I.D.	S.I.D.
Total Silver	1	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Thallium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Total Thallium	5	µg/l	11	11	0	S.I.D.	S.I.D.
Dissolved Zinc	50	µg/l	11	2	82	136	76
Total Zinc	50	µg/l	11	1	91	158	86
SVOCs							
Bis(2-ethylhexyl)phthalate	1	µg/l	7	0	100	62.4	26.2
PAHs							
Acenaphthene	0.05	µg/l	7	6	14	S.I.D.	S.I.D.
Acenaphthylene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.
Antracene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.
Benz(a)anthracene	0.1	µg/l	7	4	43	0.4	0.1
Benzol(p)pyrene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.
Benzol(b)fluoranthene	0.1	µg/l	7	6	14	S.I.D.	S.I.D.
Benzol(k)fluoranthene	0.1	µg/l	7	6	14	S.I.D.	S.I.D.
Chrysene	0.1	µg/l	7	2	71	0.6	0.3
Dibenz(a,h)anthracene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.
Fluoranthene	0.1	µg/l	7	2	71	0.3	0.3
Fluorene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	0.1	µg/l	7	7	0	S.I.D.	S.I.D.
Naphthalene	0.05	µg/l	7	7	0	S.I.D.	S.I.D.
Phenanthrene	0.05	µg/l	7	2	71	0.5	0.2
Pyrene	0.05	µg/l	7	2	71	0.4	0.3
All other SVOCs	0.05-5.0	µg/l	7	7	0	S.I.D.	S.I.D.
Pesticides							
Organochlorine Pesticides & PCBs	0.05-1.0	µg/l	10	10	0	S.I.D.	S.I.D.
Carbofuran	5	µg/l	11	11	0	S.I.D.	S.I.D.
Glyphosate	25	µg/l	11	11	0	S.I.D.	S.I.D.
Organophosphate Pesticides							
Diazinon	0.01	µg/l	10	8	20	0	0
Chlorpyrifos	0.05	µg/l	10	10	0	S.I.D.	S.I.D.
N- and P-Containing Pesticides							
Thiobencarb	1	µg/l	10	10	0	S.I.D.	S.I.D.
All other N- and P- Pesticides	1.0-2.0	µg/l	10	10	0	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides							
2,4-D	10	µg/l	9	9	0	S.I.D.	S.I.D.
2,4,5-TP	1	µg/l	9	9	0	S.I.D.	S.I.D.
Bentazon	2	µg/l	9	9	0	S.I.D.	S.I.D.

N/S = Not sampled

CV = Coefficient of variation

DL = Detection Limit

S.I.D. = Statistically Invalid Data, not enough data above detection limit collected

a) Criteria based on daily maximum

b) Criteria based on 30-day average

c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.

d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be

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